

PROJECT DESCRIPTION

I. GENERAL

This portion of the project involves the modification of existing traffic control signal at the intersection of US 50 (Ocean Gateway) and MD 589 (Race Track Road) in Worcester County, Maryland. US 50 is considered to run in an east/west direction.

II. INTERSECTION OPERATION

The intersection operation to remain unchanged.

The existing controller will be utilized at this location.

CONTACT LIST

MS DEBBIE WICKER, (ACTING) ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 677-4046
MR. GREG HOLSEY, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 677-4020
MR. WAYNE WIECHMAN, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 677-4010
MR. BRUCE POOLE, UTILITY ENGINEER
PHONE: (410) 677-4082
MR. EDWARD RODENHIZER, SIGNAL OPERATIONS
PHONE: (410) 787-7652

EQUIPMENT LIST

A. Equipment to be supplied by the State Highway Administration.
None.

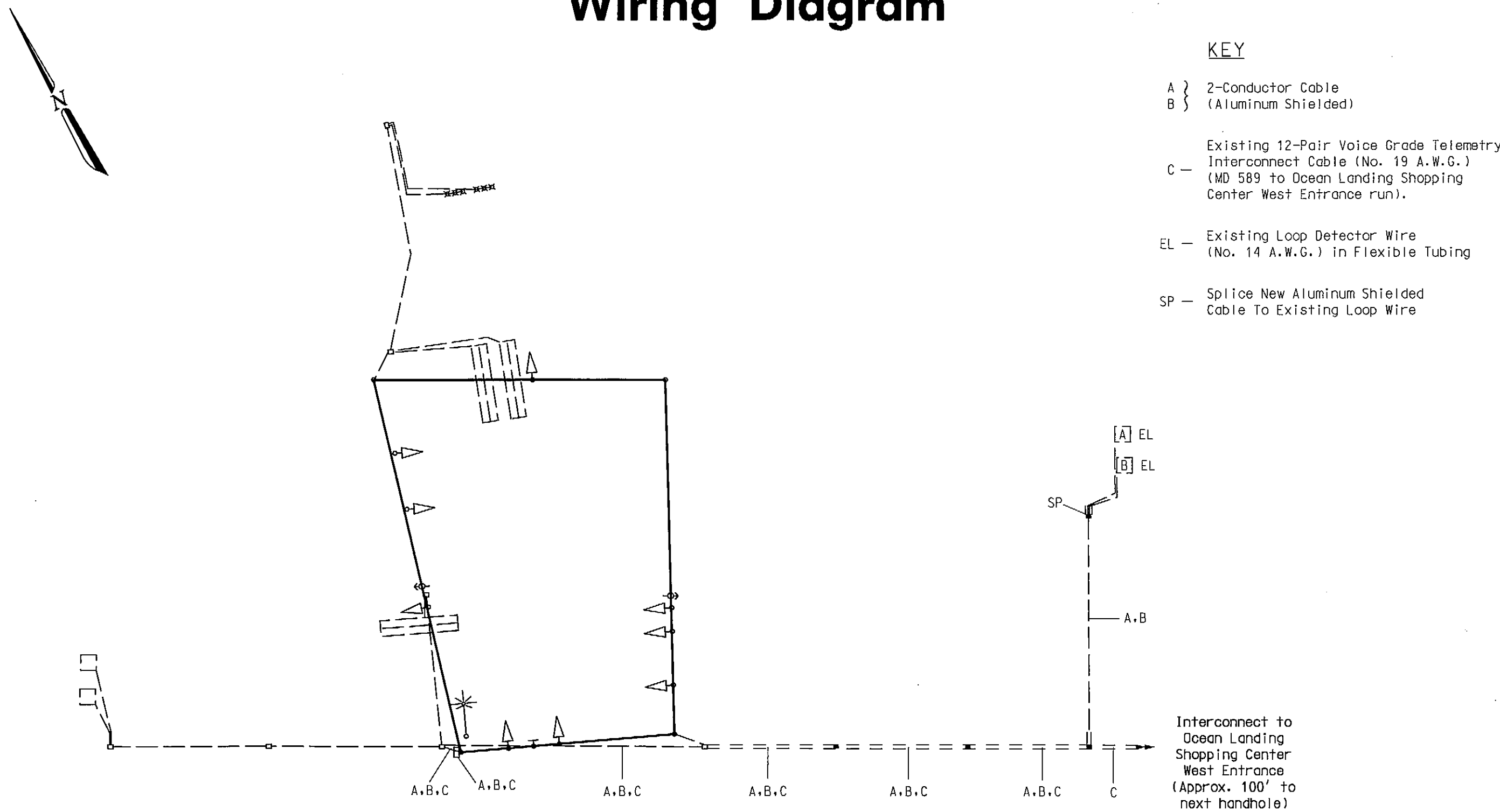
B. Approved S.H.A. equipment to be purchased by the Developer and installed by the Contractor. All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Description
Lump Sum	LS	Mobilization.
Lump Sum	LS	Maintenance of traffic.
3	EA	Handhole.
1400	LF	2-conductor (aluminum shielded) electrical cable (No. 14 A.W.G.).
475	LF	3 in. polyvinyl chloride (Schedule 80) electrical conduit - trenched.
2	EA	Loop detector splice.
Lump Sum	LS	Relocate existing Interconnect Cable (Approx. 1225 ft.).
Lump Sum	LS	Remove and salvage existing traffic signal equipment.

Phase Chart

	1	2	3	4	5	6	7	8	9	
	⬅G➡	⬅G➡	G	G	R	R	R	R	R	⬅➡
Phase 1 & 6	⬅G➡	⬅G➡	G	G	R	R	R	R	R	⬅➡
1 Change	⬅Y➡	⬅Y➡	G	G	R	R	R	R	R	⬅➡
Phase 2 & 6	⬅R➡	⬅R➡	G	G	G	G	R	R	R	⬅➡
2 & 6 Change	⬅R➡	⬅R➡	Y	Y	Y	Y	R	R	R	⬅➡
Phase 4	⬅R➡	⬅R➡	R	R	R	R	G	G	G	⬅➡
4 Change	⬅R➡	⬅R➡	R	R	R	R	Y	Y	Y	⬅➡
Flashing Operation	FL/R	FL/R	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	⬅➡
Pre-emption-A	⬅G➡	⬅G➡	G	G	R	R	R	R	R	⬅➡
Pre-emption-B	R	R	R	R	G	G	R	R	R	⬅➡

Wiring Diagram



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 50 (OCEAN GATEWAY) AT
MD 589 (RACE TRACK ROAD)
BERLIN, MARYLAND

GENERAL INFORMATION PLAN

SCALE NA DATE AUGUST 9, 2010 CONTRACT NO. BW996M82

DESIGNED BY F. BROWNLEY COUNTY WORCESTER
DRAWN BY F. BROWNLEY LOGMILE 23005009.83
CHECKED BY F. BROWNLEY TMS NO. G-190
F.A.P. NO. TOD NO.

TS NO. 375E-GI DRAWING **GI-02** OF 03 SHEET NO. 2 OF 6

PLOTTED: Monday, August 09, 2010 AT 04:31 PM
FILE: F:\2009\2009-0802\Draw\GIS-N001_1350-M0368.dgn



The Traffic Group, Inc.
Suite H
9900 Franklin Square Drive
Baltimore, Maryland 21236
410-931-6600
1-800-583-8411
Fax 410-931-6601

"Merging Innovation and Excellence"®